

CABOT**CABOT CORPORATION**

P. O. BOX 188, TUSCOLA, ILLINOIS 61953

TELEPHONE AREA CODE 217
TUSCOLA 253-3370
TELEX TUSCOLA 910-663-2542

Request for Authorization to Deposit
Hazardous Waste in a Disposal Facility
(To be Completed by the Generator)

Name: Cabot Corporation
Address: Rt. 36 West, P. O. Box 188
City: Tuscola, State: IL Zip: 61953
Phone: (217) 253-3370 Generator Code: 0418070001
SIC: 2819

Waste Description

- a) waste stream name: dilute acidic waste water
- b) USEPA hazardous waste numbers: D002 corrosive
- c) basic waste component: .1 - 4% hydrochloric acid
- d) flash point: none
- e) solids content: 500-3,000 mg/l total dissolved solids, 10-500 mg/l total suspended solids
- f) paint filter test: not applicable
- g) analytical results: see attachment A

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I. Recycling

- 1) Plans are being developed to recover the acid from sample and drain lines that are presently being injected down our disposal well. Also we are looking into recycling vent scrubber waste water to the acid production area for use as make up water to produce hydrochloric acid.

Projects completed the last two years have reduced the acid concentration of our waste stream to less than .2% HCl (pH 1.5-2) during normal operations. Our goal is to become consistantly non-hazardous (pH > 2).

- 2) not applicable to our plant
- 3) not applicable to our plant
- 4) not applicable to our plant
- 5) three new bag filters have been installed in 1986-87 to reduce the amount of waste acid generated. Future work is detailed in (1).

